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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/857,153

05/31/2001

Klaus David Gradischnig

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03/17/2006

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EXAMINER

LIN, KENNY S

ART UNIT

PAPER NUMBER

2154

DATE MAILED: 03/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/857,153

Applicant(s)

GRADISCHNIG ET AL.

Examiner

Kenny Lin

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2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-5 are presented for examination.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1-2 and 5 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Although the specification support to specially mark the messages that is repeated for the second time, nowhere in the specification teaches or suggests to specially marking a message only if it is already being transmitted. Especially the term “only” is not used in the specification. Does this exclude any of the specially marking to all other messages in any other situation?

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Garrabrant et al (hereinafter Garrabrant), US 5,610,595.
6. Garrabrant was cited by the applicant in IDS dated 5/31/2001.
7. As per claim 1, Garrabrant taught the invention as claimed including a method of secure data transmission which is executed on a layer basis using a transmission method having possible message overhaul, comprising the steps of:
 - a. Specially marking a message only if it is already being transmitted for at least a second time by said transmitter (col.6, lines 58-64, col.9, lines 5-8; designating acceptable sequence numbers); and
 - b. Ignoring said message which is marked as having been transmitted for at least a second time by a receiver if it recognizes said message as having already been received or if it interprets said message as a new message (col.8, lines 62-67, col.9, lines 1-8, 20-31).
8. As per claim 2, Garrabrant taught the invention as claimed including a method of secure data transmission wherein a transmitter protocol operates on a layer basis using a transmitter protocol having possible message overhaul, comprising the steps of:

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- a. specially marking, by said transmitter protocol, a message only if it is already being transmitted for at least a second time (col.6, lines 58-64, , col.9, lines 5-8, 20-35).

9. As per claim 3, Garrabrant taught the invention as claimed including a method of secure data transmission wherein a receiver protocol operates on a layer basis using a receiver protocol having possible message overhaul, comprising the steps of:

- a. Ignoring, by said receiver protocol, a message which is marked as having been transmitted at least for a second time if it recognizes the message as having already been received or if it interprets said message as a new message (col.8, lines 62-67, col.9, lines 1-8, 27-31).

10. As per claim 4, Garrabrant taught the invention as claimed including a method of secure data transmission wherein a receiver protocol operates on a layer basis using a receiver protocol having possible message overhaul, comprising the steps of:

- a. Ignoring, by said receiver protocol, a message if it recognizes said message as having already been received or if, although it interprets said message as a new message, said message is situated outside of a prescribed window (col.8, lines 62-67, col.9, lines 1-8, 21-31).

11. As per claim 5, Garrabrant taught the invention as claimed including a transmitter for secure data transmission with a transmitter protocol operating on a layer basis using the

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transmitter protocol having possible message overhaul, comprising: a means for specially marking a message only if it is already being transmitted for at least a second time (col.6, lines 58-64, col.9, lines 5-8, 20-35).

Response to Arguments

12. Applicant's arguments filed 12/30/2005 have been fully considered but they are not persuasive.

13. In the remark, applicant argued that (1) Garrabrant marks each message transmitted with a sequence number field which is in contrast to the invention since the claimed invention marks a message only if it is the second time it is being transmitted. There is no teaching or suggestion in Garrabrant that the initial message is not marked upon the first transmission but is marked upon a second or subsequent transmission as disclosed and claimed in the present application.

14. Examiner traverse the argument:

As to point (1), examiner has previously addressed to this argument. Although Garrabrant taught to use sequence number field in all the packets, Garrabrant taught to specially mark only the repeated message (col.8, lines 62-67, col.9, lines 1-8, 20-31; packets which are to be retransmitted are specially marked with a designated set of acceptable sequence numbers).

Garrabrant's teaching clearly reads on the claimed language since Garrabrant teach to mark all the packets using sequence number (regular marking) and further specially mark packets which are to be retransmitted with a designated set of acceptable sequence numbers (repeated packets

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are marked with a different mark which is special to regular marking). Especially since the claim languages do not clearly define the term “specially marking” and fails to define no other types of marking is performed. Garrabrant reference reads clearly on the claimed language of “special marking a message only if it is already being transmitted for at least a second time by said transmitter” since the language does not exclude the message from being regularly marked (e.g. marking all packets using sequence number). Applicant’s argument that **the first transmitted message is not marked** is not necessary an inherently feature since the claim language defined that **only the retransmitted packets are specially marked**. In response to applicant's argument that the references fail to show certain features of applicant’s invention, it is noted that the features upon which applicant relies (i.e., the first transmitted message is not marked) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). The current claim language fails to define that the first transmitted message is not marked at all.

Conclusion

15. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenny Lin whose telephone number is (571) 272-3968. The examiner can normally be reached on 8 AM to 5 PM Tue.-Fri. and every other Monday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ksl
March 14, 2006


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